

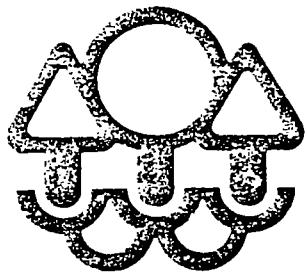


430077

RECEIVED

OCT 23 1984

DESIGN



Minnesota Pollution Control Agency

October 23, 1984

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Larry Hoskins
Torre Construction Co.
4470 West 78th Circle
Bloomington, Minnesota 55435

Dear Mr. Hoskins:

Laboratory results are back on the soil samples that were taken from a pile of contaminated soil uncovered when the water main was being installed at the new Cattleman's Restaurant location. The volatile organics scan indicated toluene, m-xylene and trichloroethylene present in the sample, and analysis done for polychloronated biphenols showed 28.9 ppm of PCBs in the sample. Enclosed, please find the lab analysis results. These substances are classified as hazardous substances. Since the company you represent owns the property, they are considered to be the responsible party and as such are responsible for proper disposal of the wastes.

Minnesota Pollution Control Agency (MPCA) staff indicated to you in a letter dated August 31, 1984 and through telephone conversations that the pile of contaminated soils and drums should be placed on plastic in a secure area until the lab analysis was done and proper disposal could be determined. I visited your site on October 17, 1984 and could not find the pile of contaminated soil and drums.

At this time I would like to make an informal Request for Information. Please send me the name, address, and telephone number of the person we should contact from the Cattlemen's Company. I need information on all past owners and past use of the property. I have documented that 25-30 barrels were uncovered by the backhoe operator. What happened to those barrels? Also, what was done with the pile of soil and barrels that were set aside at the time of our inspection on August 15, 1984. Please send me the copies of shipping manifests and the location of the disposal site if the material was disposed of off site.

Phone _____

1935 West County Road B2, Roseville, Minnesota 55113-2763

Regional Offices • Duluth • Brainerd • Detroit Lakes • Marshall • Rochester

State Government Employee

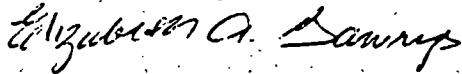
Because soil contamination was found and the contamination contained hazardous substances, MPCA is requiring the owner of the property to hire a consultant that has past experience in evaluating hazardous waste sites. During our inspection you indicated that you were responsible for coordinating activities at the site. We therefore expect that you will forward this letter to the appropriate company personnel.

The consultant shall propose a plan for MPCA staff approval that will result in a thorough investigation of the site. The scope of work should include ground water, surface water and surface water sediments, and soil investigation to define the extent of contamination. Have the consultant look at any testing that you have already done to see if it is adequate.

Please send us the name of your consultant and the plans for site investigation within 15 days of receipt of this letter.

Please feel free to call me at 297-1796 if you have any questions.

Sincerely,



Elizabeth Gawrys
On-Site Inspector
Responsible Party Unit
Site Response Section
Solid and Hazardous Waste Division

EG/rj

cc: John Nelson, Environmental Services

Please Fill Out
In Triplicate

SPECIAL SAMPLE DATA SHEET

Page ____ of ____

Collected by Susan Cedarleaf

MDH Coordinator Bill Scruton

Date Collected 8/16/84

Expected Compl. Date _____

Report to Aho/Cedarleaf

Date Rec'd By Lab 8/16/84

Program Element # MPCA 32

Lab. Sample # 132444-46

3012 program

SPECIAL SAMPLE DESCRIPTION:

| <u>Water</u> | <u>Sediment</u> | <u>Sludge</u> | <u>Fish</u> | <u>Soil</u> | <u>Other</u> (Specify) | <u>Tot. No.</u> <u>EACH</u> |
|---------------------------|-----------------|--------------------------|-------------------------|-------------|---------------------------|--------------------------------|
| (Note: Please List Town!) | | | | | | |
| SAMPLE NO. | FIELD NO. | SAMPLING POINT OR SOURCE | TYPE OF BOTTLES REC'D** | | | |
| a. 132444 | 78STP-1 | Barrel - Bloomington | PCB | | | 1 |
| b. 132445 | 78STV-1 | " " | vials** | | | 4 |
| c. 132446 | | FIELD BLANK | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |

SPECIAL SAMPLE

ANALYSES REQUESTED: * PCB's in soil - field no. 78STP-1 (132444)
Volatile in soil - field no. 78STV-1 (132445 & 446)

COMPLETED

SEP 10 1984

* OTHER ANALYSES REQUESTED ALSO AND WILL BE REPORTED SEPARATELY FROM SPECIAL ANALYSES

SPECIAL INSTRUCTIONS AND COMMENTS:

** 1 septum on upside down

RECEIVED

SEP 17 1984

MINN. POLLUTION
CONTROL AGENCY

See attached for volatiles in soil on 132445 and 446.

PCB's on 132444 to be reported separately.

Please Fill Out
In Triplicate

SPECIAL SAMPLE DATA SHEET

Page ORGANIC CHEMISTRY

Collected by Susan Cedarleaf

MDH Coordinator Bill Scruton

Date Collected 8/16/84

Expected Compl. Date _____

Report to Aho/Cedarleaf

Date Rec'd By Lab 8/16/84

Program Element # MPCA 32

Lab. Sample # 132444-46

3012 program

SPECIAL SAMPLE DESCRIPTION:

| <u>Water</u> | <u>Sediment</u> | <u>Sludge</u> | <u>Fish</u> | <u>Soil</u> | <u>Other</u> (Specify) | <u>Tot. No.</u> <u>EACH</u> |
|---------------------------|-----------------|----------------------|-------------|-------------|---------------------------|--------------------------------|
| (Note: Please List Town!) | | | | | | |
| a. 132444 | 78STP-1 | Barrel - Bloomington | PCB | | | 1 |
| b. 132445 | 78STV-1 | " " | vials** | | | 4 |
| c. 132446 | | FIELD BLANK | | | | |
| d. | | | | | | |
| e. | | | | | | |
| f. | | | | | | |

SPECIAL SAMPLE

ANALYSES REQUESTED: *

PCB's in soil - field no. 78STP-1 (132444)

Volatiles in soil - field no. 78STV-1 (132445 & 446)

Vol.
COMPLETED

SEP 10 1984

* OTHER ANALYSES REQUESTED ALSO AND WILL BE REPORTED SEPARATELY FROM SPECIAL ANALYSES

SPECIAL INSTRUCTIONS AND COMMENTS:

** 1 septum on upside down

RECEIVED

OCT 17 1984

PCB's

COMPLETED

OCT 15 1984

MINN. POLLUTION
CONTROL AGENCY

See attached for volatiles in soil on 132445 and 446.

| | | Soxhlet | |
|----------|------|-------------|------|
| PCB's as | 1242 | <u>1254</u> | 1260 |
| in mg/Kg | <5.0 | <u>28.9</u> | <5.0 |

Analyzed by solvent shakeout
instead of usual Soxhlet
extraction due to high oil
content.

MINNESOTA DEPARTMENT OF HEALTH
SECTION OF ANALYTICAL SERVICES

SAMPLE NUMBER /32445

FIELD BLANK #/32446

VOLATILE HYDROCARBONS
(* DENOTES PRIORITY POLLUTANT)

DATE SAMPLED 8-16-84
DATE ANALYZED 8-21-84

NON-HALOGENATED

ACETONE
ETHYL ETHER
* BENZENE
* TOLUENE
CUMENE
M-XYLENE

RECEIVED

SEP 17 1984

MINN. POLLUTION
CONTROL AGENCY

* CHLOROMETHANE
* VINYL CHLORIDE
* CHLOROETHANE
* METHYLENE CHLORIDE
ALLYLCHLORIDE
* 1, 1-DICHLOROETHANE
CIS-1, 2-DICHLOROETHYLENE
* 1, 2-DICHLOROETHANE
* 1, 1, 1-TRICHLOROETHANE
* BROMODICHLOROMETHANE
2, 3-DICHLORO-1-PROPENE
1, 1-DICHLORO-1-PROPENE
* 1, 1, 2-TRICHLOROETHYLENE
* CHLORODIBROMOETHANE
* CIS-1, 3-DICHLORO-1-PROPENE
* 2-CHLOROETHYL VINYL ETHER
1, 1, 1, 2-TETRACHLOROETHANE
* 1, 1, 2, 2-TETRACHLOROETHANE
PENTACHLOROETHANE
1, 1, 2-TRICHLOROTRIFLUOROETHANE
* 1, 2-DICHLOROBENZENE

| | | | | | | |
|---|------|------|------------------------|----|------|------|
| < | 860. | UG/G | TETRAHYDROFURAN | < | 430. | UG/G |
| < | 86. | UG/G | METHYL ETHYL KETONE | < | 430. | UG/G |
| < | 43. | UG/G | METHYL ISOBUTYL KETONE | < | 86. | UG/G |
| < | 94. | UG/G | * ETHYLBENZENE | PK | 43. | UG/G |
| < | 93. | UG/G | O-XYLENE | NA | 43. | UG/G |
| < | 140. | UG/G | P-XYLENE + O-XYLENE | < | 80. | UG/G |

HALOGENATED

| | | | | | | |
|----|-------|------|----------------------------------|----|------|------|
| NA | | | * DICHLORODIFLUOROMETHANE | NA | | |
| NA | | | * BROMOMETHANE | NA | | |
| NA | | | DICHLORODIFLUOROMETHANE | NA | | |
| < | 86. | UG/G | * TRICHLORODIFLUOROMETHANE | < | 17. | UG/G |
| < | 43. | UG/G | * 1, 1-DICHLOROETHYLENE | < | 17. | UG/G |
| < | 17. | UG/G | * TRANS-1, 2-DICHLOROETHYLENE | < | 17. | UG/G |
| < | 17. | UG/G | * CHLOROFORM | < | 17. | UG/G |
| < | 17. | UG/G | DIBROMOMETHANE | < | 86. | UG/G |
| < | 17. | UG/G | * CARBON TETRACHLORIDE | < | 17. | UG/G |
| < | 43. | UG/G | DICHLOROACETONITRILE | < | 240. | UG/G |
| < | 17. | UG/G | * 1, 2-DICHLOROPROPANE | < | 17. | UG/G |
| < | 17. | UG/G | * TRANS-1, 3-DICHLORO-1-PROPENE | < | 17. | UG/G |
| < | 8500. | UG/G | 1, 3-DICHLOROPROPANE | < | 240. | UG/G |
| < | 86. | UG/G | * 1, 1, 2-TRICHLOROETHANE | < | 17. | UG/G |
| < | 17. | UG/G | 1, 2-DIBROMOETHANE | < | 86. | UG/G |
| < | 86. | UG/G | * BROMOFORM | < | 86. | UG/G |
| < | 17. | UG/G | 1, 2, 3-TRICHLOROPROPANE | < | 170. | UG/G |
| < | 170. | UG/G | * 1, 1, 2, 2-TETRACHLOROETHYLENE | < | 170. | UG/G |
| < | 170. | UG/G | * CHLOROBENZENE | < | 43. | UG/G |
| < | 43. | UG/G | * 1, 3-DICHLOROBENZENE | < | 86. | UG/G |
| < | 86. | UG/G | * 1, 4-DICHLOROBENZENE | < | 86. | UG/G |

PK PEAK DETECTED BELOW THE 'LESS THAN' VALUE
PP A PEAK WAS PRESENT

NA 'LESS THAN'
'NOT ANALYZED'

MINNESOTA DEPARTMENT OF HEALTH
SECTION OF ANALYTICAL SERVICES

SAMPLE NUMBER 132446

FIELD BLANK #132446

VOLATILE HYDROCARBONS
(* DENOTES PRIORITY POLLUTANT)

DATE SAMPLED 8-16-84
DATE ANALYZED 8-21-84

ACETONE
ETHYL ETHER
* BENZENE
* TOLUENE
CUMENE
M-XYLENE

RECEIVED

SEP 17 1984

MINN. POLLUTION
CONTROL AGENCY

NON-HALOGENATED

| | | | | | | |
|---|------|------|------------------------|---|------|------|
| < | 2.1. | UG/G | TETRAHYDROFURAN | < | 1.1. | UG/G |
| < | 2.0 | UG/G | METHYL ETHYL KETONE | < | 1.1. | UG/G |
| < | 1.0 | UG/G | METHYL ISOBUTYL KETONE | < | 2.0 | UG/G |
| < | 1.0 | UG/G | * ETHYLBENZENE | < | 1.0 | UG/G |
| < | 1.0 | UG/G | O-XYLENE | < | 1.0 | UG/G |
| < | 1.0 | UG/G | P-XYLENE | < | 1.0 | UG/G |

HALOGENATED

| | | | |
|--------------------------------|----|--------------------------------|----------|
| * CHLOROMETHANE | NA | * DICHLORODIFLUOROMETHANE | NA |
| * VINYL CHLORIDE | NA | * BROMOMETHANE | NA |
| * CHLOROETHANE | NA | DICHLOROFUOROMETHANE | NA |
| * METHYLENE CHLORIDE | < | * TRICHLOROFUOROMETHANE | 0.4 UG/G |
| ALLYLCHLORIDE | < | * 1,1-DICHLOROETHYLENE | 0.4 UG/G |
| * 1,1-DICHLOROETHANE | < | * TRANS-1,2-DICHLOROETHYLENE | 0.4 UG/G |
| CIS-1,2-DICHLOROETHYLENE | < | * CHLOROFORM | 0.4 UG/G |
| * 1,2-DICHLOROETHANE | < | DIBROMOMETHANE | 2.0 UG/G |
| * 1,1,1-TRICHLOROETHANE | < | * CARBON TETRACHLORIDE | 0.4 UG/G |
| * BROMODICHLOROMETHANE | < | DICHLOROACETONITRILE | 6.0 UG/G |
| 2,3-DICHLORO-1-PROPENE | < | * 1,2-DICHLOROPROPANE | 0.4 UG/G |
| 1,1-DICHLORO-1-PROPENE | < | * TRANS-1,3-DICHLORO-1-PROPENE | 0.4 UG/G |
| * 1,1,2-TRICHLOROETHYLENE | < | 1,3-DICHLOROPROPANE | 6.0 UG/G |
| * CHLORODIBROMOETHANE | < | * 1,1,2-TRICHLOROETHANE | 0.4 UG/G |
| * CIS-1,3-DICHLORO-1-PROPENE | < | 1,2-DIBROMOETHANE | 2.0 UG/G |
| * 2-CHLOROETHYL VINYL ETHER | < | * BROMOFORM | 2.0 UG/G |
| 1,1,1,2-TETRACHLOROETHANE | < | 1,2,3-TRICHLOROPROPANE | 4.0 UG/G |
| * 1,1,2,2-TETRACHLOROETHANE | < | * 1,1,2,2-TETRACHLOROETHYLENE | 4.0 UG/G |
| PENTACHLOROETHANE | < | * CHLOROBENZENE | 1.0 UG/G |
| 1,1,2-TRICHLOROTRIFLUOROETHANE | < | * 1,3-DICHLOROBENZENE | 2.0 UG/G |
| * 1,2-DICHLOROBENZENE | < | * 1,4-DICHLOROBENZENE | 2.0 UG/G |

| | | | |
|----|---|----|----------------|
| PK | PEAK DETECTED BELOW THE 'LESS THAN' VALUE | < | 'LESS THAN' |
| PP | A PEAK WAS PRESENT | NA | 'NOT ANALYZED' |

MINNESOTA DEPARTMENT OF HEALTH
SECTION OF ANALYTICAL SERVICES

SAMPLE NUMBER /32445

VOLATILE HYDROCARBONS
(* DENOTES PRIORITY POLLUTANT)

DATE SAMPLED 8-16-84
DATE ANALYZED 8-21-84

FIELD BLANK #132446

ACETONE
ETHYL ETHER
* BENZENE
* TOLUENE
CUMENE
M-XYLENE

RECEIVED

8/17/84

MINN. POLLUTION
CONTROL AGENCY

- * CHLOROMETHANE
- * VINYL CHLORIDE
- * CHLOROETHANE
- * METHYLENE CHLORIDE
- ALLYLCHLORIDE
- * 1, 1-DICHLOROETHANE
- CIS-1, 2-DICHLOROETHYLENE
- * 1, 2-DICHLOROETHANE
- * 1, 1, 1-TRICHLOROETHANE
- * BROMODICHLOROMETHANE
- 2, 3-DICHLORO-1-PROPENE
- 1, 1-DICHLORO-1-PROPENE
- * 1, 1, 2-TRICHLOROETHYLENE
- * CHLORODIBROMOETHANE
- * CIS-1, 3-DICHLORO-1-PROPENE
- * 2-CHLOROETHYL VINYL ETHER
- 1, 1, 1, 2-TETRACHLOROETHANE
- * 1, 1, 2, 2-TETRACHLOROETHANE
- PENTACHLOROETHANE
- 1, 1, 2-TRICHLOROTRIFLUOROETHANE
- * 1, 2-DICHLOROBENZENE

NON-HALOGENATED

| | | |
|--------|------|------------------------|
| < 860. | UG/G | TETRAHYDROFURAN |
| < 86. | UG/G | METHYL ETHYL KETONE |
| < 43. | UG/G | METHYL ISOBUTYL KETONE |
| < 94. | UG/G | * ETHYLBENZENE |
| < 73. | UG/G | O-XYLENE |
| < 140. | UG/G | P-XYLENE + O-XYLENE |

| | | |
|----|------|------|
| < | 430. | UG/G |
| < | 430. | UG/G |
| < | 86. | UG/L |
| PC | 43. | UG/G |
| NA | 43. | UG/G |
| < | 80. | UG/G |

HALOGENATED

| | | |
|---------|-------|----------------------------------|
| NA | | * DICHLORODIFLUOROMETHANE |
| NA | | * BROMOMETHANE |
| NA | | DICHLOROFUOROMETHANE |
| < 86. | UG/G | * TRICHLOROFUOROMETHANE |
| < 43. | UG/G | * 1, 1-DICHLOROETHYLENE |
| < 17. | UG/G | * TRANS-1, 2-DICHLOROETHYLENE |
| < 17. | UG/G | * CHLOROFORM |
| < 17. | UG/G | DIBROMOMETHANE |
| < 17. | UG/G | * CARBON TETRACHLORIDE |
| < 43. | UG/G | DICHLOROACETONITRILE |
| < 17. | UG/G | * 1, 2-DICHLOROPROPANE |
| < 17. | UG/G | * TRANS-1, 3-DICHLORO-1-PROPENE |
| < 8500. | UG/G | 1, 3-DICHLOROPROPANE |
| < 86. | UG/G | * 1, 1, 2-TRICHLOROETHANE |
| < 17. | UG/G. | 1, 2-DIBROMOETHANE |
| < 86. | UG/G | * BROMOFORM |
| < 17. | UG/G | 1, 2, 3-TRICHLOROPROPANE |
| < 170. | UG/G | * 1, 1, 2, 2-TETRACHLOROETHYLENE |
| < 170. | UG/G | * CHLOROBENZENE |
| < 43. | UG/G | * 1, 3-DICHLOROBENZENE |
| < 86. | UG/G | * 1, 4-DICHLOROBENZENE |

| | | |
|----|------|----------|
| NA | | 17. UG/G |
| NA | | 17. UG/G |
| NA | | 17. UG/G |
| < | 17. | UG/G |
| < | 86. | UG/G |
| < | 17. | UG/G |
| < | 240. | UG/G |
| < | 17. | UG/G |
| < | 17. | UG/G |
| < | 240. | UG/G |
| < | 17. | UG/G |
| < | 86. | UG/G |
| < | 86. | UG/G |
| < | 170. | UG/G |
| < | 170. | UG/G |
| < | 43. | UG/G |
| < | 86. | UG/G |
| < | 86. | UG/G |

PC PEAK DETECTED BELOW THE 'LESS THAN' VALUE
PP A PEAK WAS PRESENT

NA 'LESS THAN'
'NOT ANALYZED'

SAMPLE NUMBER 132446
FIELD BLANK #132446

MINNESOTA DEPARTMENT OF HEALTH
SECTION OF ANALYTICAL SERVICES

VOLATILE HYDROCARBONS
(* DENOTES PRIORITY POLLUTANT)

DATE SAMPLED 8-16-84
DATE ANALYZED 8-21-84

ACETONE
ETHYL ETHER
* BENZENE
* TOLUENE
CUMENE
M-XYLENE

RECEIVED

OCT 17 1984
MINN. POLLUTION
CONTROL AGENCY

* CHLOROMETHANE
* VINYL CHLORIDE
* CHLOROETHANE
* METHYLENE CHLORIDE
ALLYLCHLORIDE
* 1, 1-DICHLOROETHANE
CIS-1, 2-DICHLOROETHYLENE
* 1, 2-DICHLOROETHANE
* 1, 1, 1-TRICHLOROETHANE
* BROMODICHLOROMETHANE
2, 3-DICHLORO-1-PROPENE
1, 1-DICHLORO-1-PROPENE
* 1, 1, 2-TRICHLOROETHYLENE
* CHLORODIBROMOETHANE
* CIS-1, 3-DICHLORO-1-PROPENE
* 2-CHLOROETHYL VINYL ETHER
1, 1, 1, 2-TETRACHLOROETHANE
* 1, 1, 2, 2-TETRACHLOROETHANE
PENTACHLOROETHANE
1, 1, 2-TRICHLOROTRIFLUOROETHANE
* 1, 2-DICHLOROBENZENE

NON-HALOGENATED

| | | |
|-------------|------------------------|-------------|
| < 2.1. UG/G | TETRAHYDROFURAN | < 1.1. UG/G |
| < 2.0 UG/G | METHYL ETHYL KETONE | < 1.1. UG/G |
| < 1.0 UG/G | METHYL ISOBUTYL KETONE | < 2.0 UG |
| < 1.0 UG/G | * ETHYLBENZENE | < 1.0 UG/G |
| < 1.0 UG/G | D-XYLENE | < 1.0 UG/G |
| < 1.0 UG/G | P-XYLENE | < 1.0 UG/G |

HALOGENATED

| | | |
|------------|----------------------------------|------------|
| NA | * DICHLORODIFLUOROMETHANE | NA |
| NA | * BROMOMETHANE | NA |
| NA | DICHLOROFUOROMETHANE | NA |
| < 2.0 UG/G | * TRICHLOROFUOROMETHANE | < 0.4 UG/G |
| < 1.0 UG/G | * 1, 1-DICHLOROETHYLENE | < 0.4 UG/G |
| < 0.4 UG/G | * TRANS-1, 2-DICHLOROETHYLENE | < 0.4 UG/G |
| < 0.4 UG/G | * CHLOROFORM | < 0.4 UG/G |
| < 0.4 UG/G | DIBROMOMETHANE | < 2.0 UG/G |
| < 0.4 UG/G | * CARBON TETRACHLORIDE | < 0.4 UG/G |
| < 1.0 UG/G | DICHLOROACETONITRILE | < 6.0 UG, |
| < 0.4 UG/G | * 1, 2-DICHLOROPROPANE | < 0.4 UG/G |
| < 0.4 UG/G | * TRANS-1, 3-DICHLORO-1-PROPENE | < 0.4 UG/G |
| < 0.4 UG/G | 1, 3-DICHLOROPROPANE | < 6.0 UG/G |
| < 0.4 UG/G | * 1, 1, 2-TRICHLOROETHANE | < 0.4 UG/G |
| < 2.0 UG/G | 1, 2-DIBROMOETHANE | < 2.0 UG/G |
| < 0.4 UG/G | * BROMOFORM | < 2.0 UG/G |
| < 2.0 UG/G | 1, 2, 3-TRICHLOROPROPANE | < 4.0 UG/G |
| < 0.4 UG/G | * 1, 1, 2, 2-TETRACHLOROETHYLENE | < 4.0 UG/G |
| < 4.0 UG/G | * CHLOROBENZENE | < 1.0 UG/G |
| < 4.0 UG/G | * 1, 3-DICHLOROBENZENE | < 2.0 UG/G |
| < 1.0 UG/G | * 1, 4-DICHLOROBENZENE | < 2.0 UG/G |
| < 2.0 UG/G | | |

PC
PP

PEAK DETECTED BELOW THE 'LESS THAN' VALUE
A PEAK WAS PRESENT

'LESS THAN'
NA
'NOT ANALYZED'